



Glenn T. Seaborg

# 'We Must Run Very Fast To Stay In The Same Place; Effort . . . Energy . . . Hard Work . . . Dedication Are Required To Make Progress'

## Trinity Graduates Hear AEC Chairman

Remember the Red Queen in "Alice in Wonderland"? Alice, after running as fast as she could, dropped exhausted and noticed she hadn't gone anywhere.

"... in our country," said Alice, "you'd generally get somewhere else—if you ran very fast for as long as we've been doing." To this the Red Queen replied: "A slow sort of country! Now,

here you see, it takes all the running you can do to keep in the same place. If you want to get somewhere else, you must run at least twice as fast as that!"

Dr. Glenn T. Seaborg, Chairman of the United States Atomic Energy Commission, told the graduates at Trinity College, Hartford, Connecticut, recently: "So, today, we must run very fast to stay in the same place. It will take more than mere effort — it will take real energy; it will take

hard work; it will take dedication — to make progress."

"During the last two decades," Dr. Seaborg continued, "and especially since the end of World War II, there has been a surge in the direction of scientific discovery and technological exploitation of new knowledge. Indeed, this surge is so mighty it is resulting in a new dimension of geography as well — the dimension of space. The significant changes of scientific scope over the last few decades have equalled all the prev-

## Lists Many Problems Facing Civilization

ious advances since the invention of the wheel; there is no doubt in my mind that the scientific advances during the remaining span of the life of today's graduate, to some of which I have already alluded, will greatly exceed the scientific advances of the entire period of history before today — before 1963.

### Solutions Demanded

"This means that we must indeed keep abreast of our times so that we may envision the many problems, social and economic, domestic and international, that press upon us for solution. Consider these facts:

Millions of our fellow human beings upon this earth are undernourished and thousands die of starvation each day.

Millions more of the human family are ridden by disease. Crime appears to be increasing in our country at a high rate.

We live in a world of uneasy peace where the wholesale destruction of populations and even of our civilization lies within the realm of possibility.

"Are these challenges to you? History may say that the solutions to these problems were the accomplishment of your generation. You may even be the peace-makers of the Beatitudes. Who can tell — but you and your work? And yet some say that the age of opportunity is past!

"Space will be explored in your generation and man will reach the moon and the nearer planets. Will you be a part of these voyages of discovery and exploration?"

### Food From The Sea

"The successful farming of the sea can produce ten times today's total food supply and appease the hungry and rising populations. Will you participate in this venture?"

"Disease can almost be eliminated by accelerated progress in medical research and treatment. Will you contribute to this effort?"

"Fresh water must be gained from the seas, improved methods of disposal of waste materials must be devised, urban congestion must be relieved. Will you assist in these plans?"

"Methods may be developed to heal the mentally ill. Will you have a partnership in this program?"

### New Inspiration Needed

"The minds of men need a new inspiration toward spirituality, tolerance, brotherhood. Will you help in this effort?"

"The chains of ignorance must be struck from the great mass of humanity. Will you have a part in this mission?"

All mankind will need more wisdom to accomplish any of these. Will you teach them?"

"In immediate vein there is need for research and need for expansion of the facilities for teaching and learning to afford the means for meeting these goals. With these there is also the great need for lifetime learning of our entire adult population so that it may maintain full acquaintance with and knowledge of the rapidly unfolding scientific and cultural progress of our dynamic society.

### Science And Humanities

"I should again emphasize that one of the essentials for today's citizens is the understanding of science and the implications of new technological advances upon our whole social milieu. These affect the political as well as the social and economic structure. The time is not distant, if it is not already here, when the voter must understand the fundamentals of science and technology in

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# THE BULLETIN

A NEWSPAPER BY AND FOR Y-12 EMPLOYEES OF UNION CARBIDE NUCLEAR COMPANY  
DIVISION OF UNION CARBIDE CORPORATION

VOL. 17 — NO. 30

OAK RIDGE, TENNESSEE

Wednesday, July 24, 1963

## 'Tom Swifties' Are Twisted Around With Safety Themes

We are all familiar with the "Tom Swifties" that are the current rage. Taking a few, borrowing a few more, and adding a safety theme the results are as follows:

- "Phooey on lawn-mower safety," he stated off-handedly.
- "A hard hat is too hot in the summer," he said senselessly.
- "I forgot to check the ladders this morning," he replied condescendingly.
- "Wash my hands after handling caustics? . . . don't be silly," he replied rashly.
- "This briar scratch will never get infected," he added sorely.
- "This floor isn't slick," he came back lamely.
- "Respiratory equipment is burdensome," he stated breathlessly.
- "I hate safety glasses," she replied blindly.
- "But I like speeding on the

expressway," he stated brokenly.

• "Sure I can play tennis at my age," he protested half-heartedly.

• "Go to the dispensary with that little cut?" he asked sharply.

• "Calories don't really count," she stated heavily.

• "Frayed electric cords are not dangerous," he admitted shockingly.

• "Rubber gloves for that simple job?" she asked acidly.

• "I enjoy smoking in bed," he came back crisply.

• "I don't know where any of the fire extinguishers are," he stated dryly.

• "Is that the fire drill siren?" he asked alarmingly.

While this one doesn't have much to do with the safety theme, it did appeal to a rather disjointed sense of humor:

• "This soup needs more spices," she added sagely.

## Karl Was Not A Marx Brother

Like so many harmless scarecrows, economic words tend to scare people away. Yet some economic terms stand for things that are quite simple and often familiar to everyone.

Take the world Capitalism. If your youngster peddled newspapers or shoveled snow, he was taking part in Capitalism. By investing his money (or your money), his effort and initiative in the enterprise, he hoped to make a profit.

The economics system called Capitalism assures us all of the right to own property and to risk our savings in hopes of making profit. Capitalism also breeds free competition, which provides vast benefits to the consumer.

It was once said that Capitalism meant Big Business. Not so; of America's nearly 4.7 million businesses, 96 per cent have fewer than 20 employees.

. . . The Wingfoot Clan

## Lehigh's Folk Leads ORNL Physics Seminar

Friday's seminar in the Physics Division at Oak Ridge National Laboratory will center on "Many-Body Theory Applied to Few-Nucleon Problems." Leading the seminar will be Robert Folk, Research Participant from Lehigh University.

The discussion is set for Friday, 3:15 p.m., July 26, in the East Auditorium of ORNL's 4500 Building.

## 'Grandma Always Loved Company'

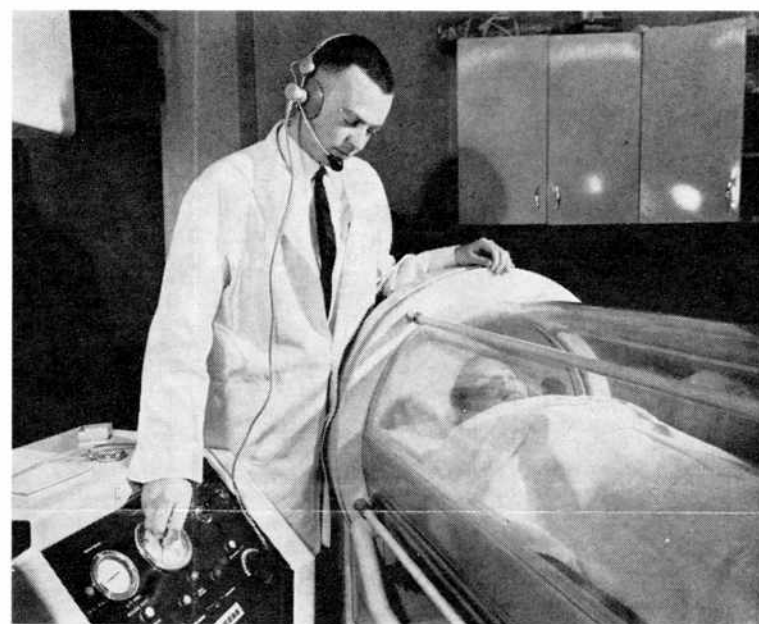
Remember the story on Cal Lunsford's book a few weeks ago in the Bulletin? Well, the book is out . . . and Don Whitehead (Knoxville News-Sentinel columnist) comes along with this word.

"Congratulations on your book, "Verse and Philosophy of the Hillbilly Poet." We hillbillies have got to stand together. I think it would be a good thing for all of us to remember, when going to visit friends this summer, your observation that: "Grandmother always said she loved company. But somehow they looked better going than they did coming." Naturally, that doesn't include anybody who is doing to visit you and me, although I may hang those words as a motto in our guest room."

Lunsford, Research Services, advises the book is available at most gift shops and book stores.

## SAFETY SCOREBOARD

The Y-12 Plant Has  
Operated  
82 Days Or  
2,720,000 Man-Hours  
(Unofficial Estimate)  
Without A Disabling  
Injury  
Through July 21  
Phone 7755  
For Daily Report  
On Accident-Free Hours



A PATIENT RECEIVES OXYGEN at up to three times normal atmospheric pressure in a new personal-size hyperbaric chamber marketed by Union Carbide Corporation in agreement with its developer, Vickers-Armstrong (Engineers) Limited of Great Britain.

## Union Carbide To Distribute High Pressure Oxygen Chamber

Union Carbide Corporation has signed an agreement with Vickers-Armstrong (Engineers) Limited of Great Britain to market a new small-sized hyperbaric (high-pressure) oxygen chamber, according to an announcement from Birny Mason Jr., president of Union Carbide.

The oxygen chamber was developed by Vickers for use in hospitals for treating cardiac and other disease conditions. Union Carbide's Linde division has worked with several hospitals in the United States in developing instrumentation for large high-pressure chambers, and it also has designed hyperbaric chambers containing complete surgical suites. The agreement for sale of the Vickers unit marks Union Carbide's entry into the marketing of the smaller, personal-size hyperbaric units. Union Carbide will be the sole distributor in the Western Hemisphere.

Hyperbaric oxygen therapy (the administration of oxygen at greater than atmospheric pressures) has long been under medical investigation for the treatment of conditions involving oxygen deficiency, such as acute respiratory and heart conditions. The treatment is also used in conjunction with X-ray therapy.

The oxygen chamber manufactured by Vickers produces pressures up to 30 pounds per square inch above normal atmospheric pressure. The chamber itself, is a double-walled, transparent plas-

tic cylinder, which affords full observation of the patient during the oxygen treatment. It is seven feet long, and is sealed at the ends by two domed metal caps. A three-way intercom system permits conversation with the patient and two outside stations. A separate console houses a system of controls with a built-in emergency power source. Three of these chambers are now in use at hospitals in the United States.

In addition to marketing the Vickers hyperbaric oxygen chambers, Union Carbide will also install and service them.

## What's To Become Of The Rock?

Visitors to San Francisco still look at Alcatraz through telescopes and click their shutters, making it the most photographed piece of real estate in the West.

"The Rock" has housed Confederate prisoners, Indian chiefs and the most famous gangland bosses of our age. It is empty now . . . as the last of the inmates transferred out.

Tourists in the bay area are almost as eager to get out to the prison as its inmates were to get out formerly. It looks as though they may have a chance. A suggestion has arisen to let the prison stand as it is . . . a museum to big crime.



# The Bulletin

Published Weekly For The  
Y-12 Employees Of  
UNION CARBIDE  
NUCLEAR COMPANY  
Division of



UNION CARBIDE CORPORATION

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Mr. and Mrs. Ira Gene Worrell  
**WORRELL-DICK**

Mr. and Mrs. Hubert F. Dick, 108 Nevada Circle, Oak Ridge, announce the marriage of their daughter, Miss Martha Arlene Dick, to Mr. Ira Gene Worrell. The wedding took place Tuesday, May 21, at the First Baptist Church, Rossville, Georgia. Reverend Claude Mason officiated.

The bride was given in marriage by her father, who is in Y-12's General Machine Shop. Members of both immediate families also attended the rites.

The bride graduated from Oak Ridge High School in 1960 and is presently employed at the Bank of Oak Ridge.

The groom attended Oak Ridge schools and graduated from high school in Little Rock, Arkansas. He is currently a Boatswain Mate Second Class in the United States Navy. He has recently been stationed in Knoxville, and is being transferred to the USS Ranger CVA-61 in Calmeda, California. He is the son of Mr. and Mrs. Roy E. Worrell, 120 Jellico Lane, Oak Ridge.

The couple chose Chattanooga for a wedding trip. They will be at home in San Francisco, California next month.

## NASA Budget Goes Up In Smoke!!!

United States smokers paid enough in cigarette taxes last year to pay for the US space agency's fiscal 1963 program, with funds left to buy 40 Atlas missiles. Tobacco News said cigarette taxes last year brought in about \$3.1 billion to all levels of government in this country — federal, state and local. The 1963 budget of the National Aeronautics and Space Administration is \$2.96 billion.



If many persons would realize that half their troubles come from getting too deep into something they should have stayed out of in the first place, the world might be a better place.

Scratching the surface around Y-12, it's learned in

### DEVELOPMENT

Chemical Engineering Development sends congratulations to **Doyle Scott** who is the proud papa of a baby boy, Kevin, born at Bacon Hospital, Loudon, on July 8. Little Kevin weighed 10 pounds, eight and one-half ounces. Both mother and son are reportedly doing fine.

In these modern times, when bread doesn't rise, it's time to repair the toaster.

### FINANCE AND MATERIALS

Timekeeping tells that **Howard Phillips** is on vacation, no details as to where. . . Microreproduction and Engineering Services has **Jake Chance** on vacation in Miami, Florida. . . They also welcome in **Jack Lindsey** from Paducah.

**Joyce Gillihan**, Mail Room, is on vacation, in Chicago, Canada and Niagara Falls this week.

Plant Records passes word that **Betty Walker** will be vacating in Mississippi and New Orleans.

Had Mother Nature anticipated Bermuda shorts, surely she would have made some improvements on the male knee!

### SHIFT SUPERINTENDENTS AND UTILITIES

Vacationing folks include **W. J. Wiggins** camping out in Chilhowie Mountains, and doing a lot of mountain climbing. . . **H. B. Davis** off four three weeks, living it up in Daytona Beach. . . **O. M. Blackwell** just taking it easy at home.

Condolences to the **R. B. Amos** family, in the death of his brother-in-law.

**T. C. Wilson** and family vacationed in Myrtle Beach, South Carolina, last week. . . **George Russell** is also vacationing over thataway.

**R. E. Ballew** visited relatives in Copper Hill. . . **S. Kite** toured Maryland. . . **J. C. Simms** vacationed at home. (And nobody went to market!)



Doug Tronolone

While deep-sea fishing off the coast of Florida. . . **Doug Tronolone**, son of Utilities' **N. J. Tronolone Jr.** came up with this 12-pound ocean tally. (The trusted old Webster doesn't list a "tally," maybe Nick can help us out!)

We generally call a driver of an auto a motorist. . . until he beats us to a parking place!

### ENGINEERING

Tool Engineering tells that **R. T. Wyrick** vacationed at home in

Knoxville. . . **Wayne Schrader** is just back from doing the same, in Oak Ridge.

Vacationing in Atlantic City, New Jersey, Pennsylvania and other points north was **Paul Febbo**. . . **Bill Hood** and family are enjoying a week in Gatlinburg. . . golfing and just lazying around.

**Bill Myers** is welcomed to Tape Control from Tool Design. . . **Nora Hurst** is a welcome sight back after a prolonged illness.

Vacationing also was **Art Brewer**. . . probably trying to get his cabin completed on Norris. . . **Burl Chambers** and family trailer-camped at Myrtle Beach, South Carolina. **Earl Smith** and family have traveled down to Fort Myers, Florida, to relax in the sun for a week. . . **Jack Shumpert**, another vacationer, wouldn't disclose his destination.

**Elmer Neeley** is vacationing a couple of days this week to get ready to accept an invitation (??) from Uncle Sam for a two-year stay.

Can't understand why some women want to become astronauts. There really is no man on the moon!

### MECHANICAL OPERATIONS

Production Machining, or at least the M-Wing end, brings in news that **G. D. Ray** and family are spending a week in Daytona Beach, Florida.

Staying at home in LaFollette is **D. T. Chambers**.

Welcome to M Wing. . . you'll . . . namely **E. L. Veach** and **N. G. Young Jr.**, from A-2, and to **J. R. Davis** and **J. V. O'Neil** from H-2.

From C Wing and the 9202 shops its told that **D. R. Byrd** and family are visiting his brothers and sister in Ypsilanti, Michigan (hope they learn to pronounce that city.) . . . **E. R. Eastwood Jr.** and his family are visiting his brother in Maryland.

**T. B. Reed**, from the 9206 Shop, and family are camping out and fishing on Douglas Lake and taking a side trip to Nashville for a visit.

Production Machining reports **Jo Walpool** and **Ruth Young** making a trip to Gatlinburg recently. They visited **Harold Cornell's** fabulous cabin in the mountains. Ruth collected gear for a camping trip to Cape Hatteras, North Carolina, on her vacation. Jo just doesn't like those long hikes. . . but, she really enjoyed the "mountaineer burgers" that they serve in Gatlinburg.

Production Control has **Jim Burns** and **Jim Doan** on vacations, whereabouts unknown. . . **Dwayne Bennett** to Florida.

Welcome in to **Lou Gillis**, **Jack Rogers**, **Gordon Fielden**, **J. E. Campbell**. . . all to the Materials Group.

**Harold Babb** is having more than his share of bad luck. He just returned from being sick recently when he had to enter the hospital again. The best of get-well wishes are sent to him.

Moving his family into a new home recently was **Tom Norris**. . . **Dick Holbrook** is sporting a new wagon, not red, but cream.

Congratulations to **Carolyn** and **Sam Sharpe** on the birth of a little girl **Shawna Marie**, born on July 12 at St. Mary's Hospital, Knoxville. Carolyn formerly worked in the Materials and Tooling Group. Carolyn's mother is **Ruby McCloud**, Superintendents Division.

Special Production Control captures the vacation vogue also. . . with **Charlie Myers** just returning from a nice vacation. . . mixing and pouring concrete! (you thought we'd say martinis, didn't you?). **Charlie** resurfaced his



AMONG THE PICNIC CROWDS are the scenes above from C Shift's successful ice cream party held at Concord Park, Wednesday, July 10. Picnic-time seems to be the word around the Shift folks these days as B Shift plans one tomorrow, Thursday, July 25, at Concord Park. Then A Shift comes along with a ham-barbecue type picnic set at Cove Lake State Park for Wednesday, July 31.

## A Shift Plans Cove Lake Picnic Wednesday, July 31

"Let's have a picnic," seems to be the password around shift-people these days. (The temptation is always there to say "shifty Y-12ers!") B Shifters are planning a get together tomorrow, Thursday, July 25, at Concord Park, with festivities getting underway around 10 a.m.

Now A Shift wants in on the act, it seems. 'Cept this one is on Wednesday, next, July 31. It's open for all Y-12ers. . . and will

swimming pool and now that it's all complete, we're all just waiting for the water to get a little warmer. . . If **Tom LaRue** seems a little happier than usual, it's due to his advance notice of the arrival of the stork for the second time in November and his newly purchased farm down around Loudon County.

With every reason to be proud is **Frank Winstead**. His twin daughters, Nancy and Brenda, along with Mary and Evelyn Shoopman, (known as the Sisters Four Quartet) just took top honors recently at the Hillbilly Homecoming by winning First Place in the Talent Contest. We can expect some pictures and more details when he returns from vacation.

**Justin Aylor** is leaving to join his little miss in Florida for a two weeks workout with their grandchildren. . . to top it all off, the children will return to Clinton with their grandparents for an extended visit.

All rested from his vacation, which was spent around home is **Gene Boyd**. He did visit relatives in Kingsport. . . and there is reason to believe he got roped into helping with some late Spring cleaning around the house.

**Jim Cole** has been on vacation for the past week but he made

feature real old-fashioned hickory cured barbecued hams and all the "fixins" plus soft drinks and ice cream.

Tickets are only 50 cents for the whole family. On top of that you bring your own dessert, or a covered dish.

Anyone who has attended these annual affairs in the past know the wonderful fun the Cove Lake State Park offers for the children. All the games will be provided for kids from the ages of two to 90.

Tickets are available from any A Committeeman. . . and you will need to save the stub for the drawings. Drawings for valuable prizes will be held between 12 and 2 p.m. After lunch that well-known game that can't be mentioned in the press will be played by the adults.

With July almost gone. . . picnic time is fast fading. . . so come on out to A Shift's soiree next Wednesday at Cove Lake.



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# Close Ones Come To Slo Pitch Set

No Losses To Tabs, Mets And E Wingers

Close games all the way marked the second week of play in the Slo Pitch League's second half. Monday's action began as the Cherokees reduced the Bat Boys 13 to 11, winning in the final inning, scoring six runs. For the Cherokees, Stair hit a long triple, Spradlin had a double. For the losing Boys it was Simpson with three triples, accounting for the only long hits of the game on the minus-side team.

Team	R	H	E
Cherokees	13	14	4
Bat Boys	11	14	5

Batteries: Cherokees: Watkins, Stair and Laurendine. Bat Boys: Greene and Morgan.

The Tabs decimated the Peons in the second game 10 to 4. Wyatt and Knight had longer homers... while Culton hit a triple for the victorious team. On the Peon side it was Malar with a double. Two big innings marked the game a certainty for the Tabs as they scored three in the first and three in the sixth.

Team	R	H	E
Peons	4	9	6
Cherokees	10	12	1

Batteries: Tabs: Ryder and R. Jones. Peons: Horton, Thompson and B. Wright.

## Rebs Eke Victory

Another tight game wrapped action up for Monday night as the Rebs slipped by the alert Eagles by a meagre score of 8 to 7, despite five errors on the part of the winning Rebs. Evans and Inklebarger had triples for the losers. Butterini and Mahaffey had homers... Parrett tripled... Greaser and Mahaffey doubled for the winners.

Team	R	H	E
Rebs	8	15	5
Eagles	7	11	2

Batteries: Rebs: Lawhorn and Fraola. Eagles: Bell and Fryer.

Tuesday began as the E Wingers edged by the Slipsticks 11 to 9. Both teams scored 13 hits from the opposing pitchers. Hardin homered... Hopkins had two for the winning Wingers. Cavosie, Hyatt and West had good doubles. All 13 hits for the losing team were singles.

Team	R	H	E
E Wingers	11	13	3
Slipsticks	9	13	4

Batteries: E Wingers: E. Sise and Hyatt. Slipsticks: Febbo and Fogg.

## Big Shop Drops One

ORGDP's Data Processing edged out the Big Shop team for Y-12, 13 to 12 in another close contest. Lane and Woodfin homered for the winners... Linger had a double... Graham had two doubles and Owens one. Brendle and Wright tripled for the losers... Brucker, Peters and Crawford all had a double each.

Team	R	H	E
Big Shop	12	18	3
Data Processing	13	18	4

Batteries: Data Processing: Fourman and Cloutier. Big Shop: Clabough and Rhea.

Another ORGDP team, the Mets, defeated the Rebs 13 to 8 in Tuesday's final game. Henderson had a four-bagger for the winners... Keith a triple... Henderson and Witt had doubles each. Butterini poled a long homer for the losers... Lewis tripled and Parrett doubled.

Team	R	H	E
Mets	13	17	4
Rebs	8	12	1

Batteries: Mets: Whittsley and Keith. Rebs: Lewis, Lawhorn and Fraola.

## B Shift Wins Big

The B Shift team opened Thursday night's action with a bang, downing the Bunt Boys 12 to 6, scoring eight runs in the sixth inning. Williams tripled on the winning side... J. Roberts doubled. Horton and Underdown had triples for the losing Boys... Perry doubled.

Team	R	H	E
B Shift	12	15	4
Bunt Boys	6	10	5

Batteries: B Shift: J. Roberts and Roberts. Bunt Boys: Miller and Perry.

Close contests continued, as the Peons slipped by the Cherokees 7 to 5 as another game was decided in the sixth inning. Although the Cherokees led with 12 hits... scoring was a different



**THE HIGH FLYING EAGLES** finished the first half of the Slo Pitch League on a seven won, four lost basis, which isn't bad in anybody's book. Thus far, in the second half, they have a won three, no loss record. Seated, from left, are George Dykes, Jr., Don (Lew Burdette) Bell, Bob Pryor, Paul Evans, H. L. Wigginton, Manager R. A. (Dick) Huber and Jim Thompson. Standing are Tom Watts, Jack Yaggi, Harold Fell, Jim Richards, Bill Inklebarger, Frank Koon and J. W. (Bill) Hulsey. Not present were Assistant Manager John Pridgeon, Charles Roesch, Jerry Calden, and Dan Friar.

story. Roe doubled for the Peons... Watkins for the Cherokees for the only multiple-based hits of the game.

Team	R	H	E
Peons	7	10	4
Cherokees	5	12	4

Batteries: Peons: Horton and Ruth-erford. Cherokees: Watkins and Lau-rendine.

## Bat Boys Fall Hard

ORGDP's Data Processing trimmed Y-12's Bat Boys 17 to 4 in the final regularly scheduled game of the week. Graham and Woodfin homered for the winners; Corn tripled; and Graham doubled... as the Bat Boys went without any heavy sticks for the night.

Team	R	H	E
Data Processing	17	14	1
Bat Boys	4	9	4

Batteries: Data Processing: Fourman and Cloutier. Bat Boys: Sims, Morgan and Bryant.

League standings follow:

Team	W	L
Peons	3	0
Mets (ORGDP)	3	0
E Wingers	2	0
Eagles	2	1
Rebs	1	1
Data Processing (ORGDP)	2	2
Cherokees	2	2
B Shift	1	2
Peons	1	2
Bunt Boys	0	2
Slipsticks	0	2
Bat Boys	0	3
Big Shop	0	3

# Special Projects Win Golf Match - Again!

Golf enthusiasts enjoyed (that is, all but Fred Uffelman) a treat last Thursday in the second golf driving contest between Special Projects and Assembly & Production Control. Seems that charges and countercharges have been flying between G. B. Lockhart and F. C. Uffelman as to which group could produce the longest hit ball out of six attempts. H. C. (Harry) Conner, Production Control, and G. G. (Jerry) Roberts, Special Projects, were the best that could be produced, and when the dust or tees had cleared, Measurement Specialists G. W. Evans and N. E. Hamby declared Roberts of Special Projects to be on the long end by about 5.0000 yards.

Thanks are extended to F. C. Uffelman for after-the-contest refreshments for approximately 20 observers. Special thanks also to Dimensional Certification for metrological assistance.

In an earlier but less elaborate match between Alex Varian, Special Projects, and R. E. Cable, Production Control, Special Projects also emerged victorious.

Congratulations Jerry Roberts, Special Projects!

Leave classified information where it belongs... here!

# State Deer Season Is Set For December

The 1963 state-wide deer-season in 74 of Tennessee's 95 counties opens December 2 and extends through December 31 with one buck per calendar year allowed as the bag limit.

Also included in the new regulations, according to the Game and Fish Commission, is a special deer season for archers. The archery season will be from October 1 through October 31 and one deer of either sex may be taken by the bow and arrow set.

A special archery hunt is planned for the Central Peninsula Wildlife Management Area in three different time slots. Archers will have three two-day hunts this year. The dates are November 11-12, 13-14 and 15-16. Bow hunters will be allowed one deer of either sex in the Peninsula area, and may also take squirrel and grouse during the hunts, provided they can hit them!

# Williams Pair Down Putting League Leads

Back from vacation, the father-and-son team of Williamses defeated the league-leading Winstead-Collins team by two points in the Putt Putt League last week. R. Williams took aces on holes number six and 10, while H. Williams took six. Frank Winstead dead-eyed number one, two and three.

The Roberts-Stinnett team took two and one-half points from Myers-Boyd... as Gene Boyd ached number 13, and Stinnett took 14.

Team	W	L
Winstead-Collins	9	3
Roberts-Stinnett	5½	6½
H. Williams-R. Williams	5	7
Myers-Boyd	4½	7½

# Fire-Fighting Chemical Becomes Soil Fertilizer

Further proof of chemical progress is a new fire-fighting fertilizer. A new low-cost chemical can be dropped to put out forest fires. Afterwards, it acts as a rich fertilizer to stimulate new plant growth.

# Clean Sweeps Start Teeny Golf 2nd Half

Rutherford Sets New Low Record

Clean sweeps all the way marked the beginning of the second half of the Par Tee Miniature Golf League last week.

First-half champs G. Cantrell-Brown trimmed the Newby-Stansell pair by only 10 strokes. The champs took the first nine by only two strokes. J. D. Brown ached hole number four for the only bull's-eye of the match.

The Sinclair-Akers duo took three points from Boswell-Isham by 20 strokes... F. Kennedy subbing for Akers. Virginia Boswell and F. Kennedy scored aces on hole number four... as did Sinclair, who also took hole two, nine and 18. Kennedy also ached 18.

The Rutherford-Beckett pair took three from Collins-Stinnett, while Frank Kennedy substituted again for Stinnett. W. A. Rutherford tallied a new low of 38 for the 60-par course... believed to be a course record also, scoring holes-in-one on four, five and seven. Jim Beckett ached four, as did Collins and Kennedy... Collins took 18 as well.

The R. Cantrell-Young combo took three from the Parker-Cothron pair by 22 strokes... Jeanne Cothron and Lucy Parker ached four... Bob Cantrell took five.

Team	W	L
Beckett-Rutherford	3	0
Sinclair-Akers	3	0
G. Cantrell-Brown	3	0
R. Cantrell-Young	3	0
Collins-Stinnett	0	3
Boswell-Isham	0	3
Stansell-Newby	0	3
Parker-Cothron	0	3



# Carl Dorr Pars Beaver Brook Turf

Vet Y-12 Golfer Shoots Even 71

An even par by Carl Dorr took scratch honors for the Fourth Y-12 Golf Tournament, held Saturday, July 20. The Beaver Brook Country Club was the scene of the 95-man competition, as rains forced late foursomes from the greens before play was finished.

Scratch winners in the first flight, in addition to Dorr, were George Wylie, B. I. V. Bailey, and Tudor Boyd who all tied for second place in scratch scoring with 79 each. Low handicap score went to Frank Kennedy, 69. Then came L. W. Miller, 70; Tom Sparks, 73; and E. P. Braden, 74... all handicap scores. The most pars were racked up by Bill Hamill who took 11, and he was followed closely by Jim Beckett, who tallied ten.

## SECOND FLIGHT

Dick Wyrick's 80 was low in the second flight, in scratch firings. Second scratcher was Howard Nobles with 84; H. R. Butler, with 86 and F. K. Clabough with 87. Low handicap scores were Tom Perry, 66; John Carter, 73; H. L. Bolinger, 76, and W. B. Cobb and John Evans, each with 77. The most pars counted in this flight were taken by Jack Brown with seven. A three-way split followed with second most pars as J. C. Thompson, Bob Schilling and Merle Emery took six.

## THIRD FLIGHT

With a total of 24 shooting in the third flight, Don Stinnett's 87 was low in scratch scoring... he was followed by S. D. Peters, 88; E. M. Massey, 91; and Ernie Collins, 92. Low handicappers were Hill Henry, with 70; Bill Mattingly, 72; San Schultz, 73; and John Spears and Bill Grubb, each with 77. Most pars earned were five, taken by three golfers—H. D. Cofer, Paul Trebilcox and C. V. Redding.

## FOURTH FLIGHT

Hugh Caudill took low scratch score in the last flight with a score of 92. He was followed by Don Mahffey, 93; Walt Simmons, 94; and Jim Abele and Bob Hopkins, each with 103. Low handicap scores were added up by John L. Noey, 68; R. N. Webb, 70; Jerry Babb, 73; and C. M. Cheek, 75. Ray Riggs and A. G. Curtis took most pars, with three each.

August's tournament is slated for Gatlinburg greens, in the shadows of the Great Smokies, Saturday, August 24.

# Archery Loop Is Deadlocked In 3-Way Tie

The Gold, Red and Black teams moved into a tie for the first slot in the Carbide Archery League, as the Golds took five points for the tie.

C. E. Miller, Blue team, fired a 291.533 handicap score; while C. H. Hilemon, Black, took a 246 scratch tally.

Team honors went to the Gold in both categories, as they totaled a 449 scratch, 580.249 handicap score.

Team	H'cap Pts.
Gold	10
Red	10
Black	10
White	8
Blue	7

# Old Hickory Produced World Record Pike

The world's largest walleye pike ever officially recorded was caught in Old Hickory Lake near Nashville. The giant pike, weighing an even 25 pounds, was taken by Mabry Harper. Harper made the record catch in 1960.



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sure no one had a forwarding address. The last word was that they were going wherever their little ole car wanted to go. If it's like the new one **Lucy Parker** has been bragging about, they probably made it to the nearest service station!

It's heard tell that **Toney Gable** and his family (including his daughter who is on summer vacation from college) are vacationing down around the old home place in Alabama.

If anyone has missed seeing the old blue tattered car parked somewhere along Bear Creek Road, they might be interested to know that **Ella Stansell** is now the happy owner of a new car (besides her homemaking and secretarial qualifications, it's heard that she is a mechanic, too!)

**Ed Maeyens** has returned to work to rest up from a vacation spent around home with his family . . . resting and sampling his latest liquid formula plus a short trip to Chattanooga.

The General Machine Shop has **Don Pitt** on a vacation recently . . . attending a Skeet Match (what else?) . . . **W. C. Collins** first visited his mother in Murphy, North Carolina and then spent a week in Atlanta, Georgia.

**J. B. Comolander** took a week's rest recently . . . as did **Herbert True** . . . **N. H. Wise** took two . . . **T. W. Avera** went to Macon, Georgia to visit relatives. He really went to Fort Valley, which is a suburb of Macon! . . . fine peach country too!

Fishing off Cape Hatteras, North Carolina (but not very far off) was **D. R. Dunn** . . . **Albert Johnson** vacated in the nation's capitol . . . **J. R. Gresham** and **A. E. Huskisson** didn't tell . . . nor did **D. G. Sexton**.

Ill are **Keath Patrick**, **C. E. Gregory** and **A. L. Cardwell** . . . best to them.

**Lyle Lankford** is truckin around in a new pick-up!

The crowning blow came this April 15. They made us pay an extra penny to mail our income taxes!

#### INDUSTRIAL RELATIONS

The Fire and Guard Departments reported a sluice on vacation recently . . . **E. L. Moore**, **E. F. Greer**, **C. S. Waldroop**, **H. H. Neal**, **W. R. Proffitt**, **J. T. Byrum**, **H. J. Gregory**, **M. L. Sullivan**, **C. S. Davidson**, **J. C. Booher**, **S. L. Ray**, **W. E. Green**, and **P. E. Gipson** . . . also **C. C. Butler** and **M. George**.

Last week another passel took off . . . **W. T. Galyon**, **J. D. Mathes**, **W. R. McGill**, **D. B. Williams**, **F. L. Roberts**, **C. H. Nicely**, **H. J. Gregory**, **R. H. Rowland**, **M. L. Sullivan**, **C. S. Davidson**, **J. R. Barber**, **J. F. Price**, **R. L. Johnson**, and **R. V. Adkins**.

This week (Irene says she'll find out where some vacationers went one of these days) saw vacationers **C. R. Wall**, **E. E. Gregory**, **L. A. Litton**, **F. A. Ruckart**,



"OUR DEPARTMENT (2014) HAS gone almost a full year without a disabling injury . . . As Safety Committeemen, we hope to assist our fellow employees in using safe practices, following good housekeeping habits, and reducing the hazards in the various areas to which we are assigned. As one in our group recently pledged: 'I will do my utmost in '63, To make the plant safe for you and me!' " The above statement came from Safety Committeemen in Building, Grounds and Maintenance Shops. They are, from left, Clifford Holt, Conie F. Jenkins, Carl L. Sanders, and Frank O. Russell.

## Al Fischer Is New Tennis League King

The Y-12 Tennis League got a new leader last week as **Al Fischer** reported in two duels. He took **Ron Williams** 6-4, 6-1, and 6-1 . . . then handed **Bob Bass** defeats in the order of 6-3, 8-6, and 6-3.

**John Pridgeon** picked up two sets from **Dick Huber** 6-3, and 7-5 . . . and dropped one 6-3. **Campbell King** defeated **Bill Harper** 6-2, 6-0 and 6-2.

**Mike Laggis** defeated **Ralph Levey** 6-0, 9-7 . . . lost one 9-7.

League standings follow:

Player	W	L
Al Fischer	6	0
R. A. Huber	7	2
Campbell King	7	2
Bob Bass	5	4
Mike Laggis	2	1
John Pridgeon	2	1
Ron Williams	2	7
W. L. Harper	3	9
Ralph Levey	1	2
Roy Huddleston	1	8

## Japanese See Made In Tennessee Label

Tennesseans are reversing the import-export business with Japan. Mussel shell from the Tennessee River is shipped to Japan, where it is used in the cultured pearl industry.

**L. O. Campbell**, **J. T. Maxwell**, **J. George**, **C. E. Alcorn**, **A. A. Pierce** and **S. E. Murphy**.

A happy sight back to work is **J. A. Margrave**, returning after illness . . . And it's learned that **Polie Garrison** is going into the hospital for surgery, best wishes to him.

Benefit Plans welcomes **June Ellis**, just transferred into the fold.

Security's **W. E. Davis** has been missed . . . but nobody told where he went.

A herd of camels just went through Y-12 . . . let's see if we can catch a 20-mile one to Knox!

## 'We Must Run'

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order to cast his ballot intelligently. The impingement of science and technology upon political policy at every level is growing at a rapid rate. The scientist, on the other hand, must study and understand the humanities and social sciences in order to permit him to identify, adjust to and comprehend the economic, historical and social factors that influence our civilization. Today's effective and enlightened citizen must be balanced; he must have an intelligent concept and grasp of both science and the humanities — a knowledge of the past and a vision of the future. For, as Solomon said, 'Where there is no vision, the people perish.'

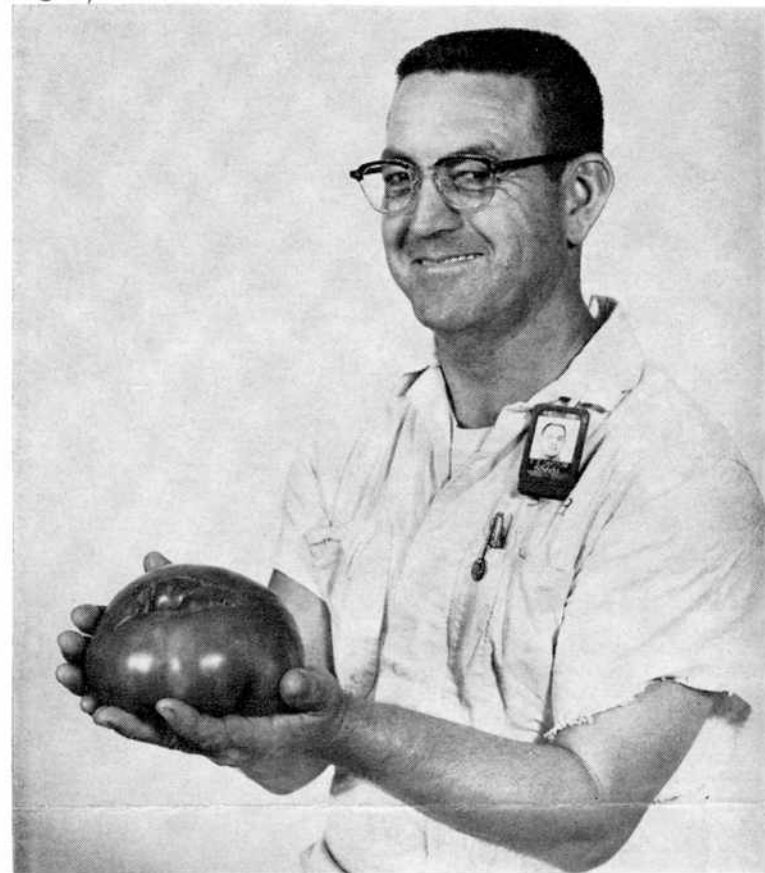
"The days of platitude, the adage, the easy answer, are no longer with us. It is not possible to spell out a formula for progress either for the new graduate or for a nation. Although many of the rules are the same as they have always been, the great difference is that the tempo has increased. Time has become the most pressing dimension of our lives.

## New Conquests Ahead

"On the threshold of tomorrow," Dr. Seaborg concluded, leadership will be in the hands of that graduate, that nation — which is not held in check by the hand of the past but which possesses versatility and flexibility, energy and spirit attuned to the times, a view or vision of the promise ahead and beyond, the drive to surge forward to new conquests of earth and space, of bondage and disease, of prejudice and poverty, or ignorance and intolerance. If you can be dedicated to these goals you need search no further for success — it will be yours."

## School Days

"School days are the happiest of your life. Providing, of course, your youngsters are old enough to go." Franklin P. Jones.



GRISSOM MAY BE A famous name among space addicts these days . . . but among Y-12ers it means tomatoes . . . the big kind! **Earl E. Grissom** grew this fat German Queen this summer in his Hall's Cross Roads garden. The giant vegetable weighed an even two pounds, and measured 18 inches in circumference (no tolerance!). Grissom is in Uranium Machining, M-Wing. (Shoppers all say the tomato tasted good, too.)



A trio of Y-12ers are added to the 20-year veteran list within the next few days. Congratulations to them and other Y-12ers celebrating important milestones:

#### 20 YEARS

**Michael Getsi**, Electrical, July 24.

**King C. Fritts**, Area Five Maintenance, July 26.

**John R. Pitts**, Electrical, July 26.

#### 15 YEARS

**James E. Miner**, Chemical, July 24.

**Roland Y. Drumwright**, Special Mechanical Production, July 26.

**William P. Smith**, Electrical, July 26.

#### 10 YEARS

**Paul L. Beeler**, Utilities, July 24.

**Van C. Barnes**, Dimensional Inspection, July 27.

**Hayward G. Taylor**, Beta Two, July 27.

**Lawrence M. McLaughlin**, Ceramics and Plastics Development, July 27.

**John P. Furlong**, Area Five Maintenance, July 27.

**William Y. Hagy Jr.**, Product Processing, July 28.

**Ersey O. Lamb**, General Field Shop, July 29.

**Horace E. Hamilton Sr.**, Dispatching, July 29.

**Willie H. Aiken**, Process Maintenance, July 30.



One rider wanted from **Harriman** to **North, Central, West**, or **Bear Creek Portal**, straight day. **R. W. Curtis**, plant phone 7-8465, home phone **Harriman** 882-2949.

Ride wanted or will join car pool from **University of Tennessee campus area, Knoxville**, to **Bear Creek Portal**, straight day. **Robert A. Hobbs**, plant phone 7-8028.

Will join or form car pool from **West Hills section, Knoxville**, to **Central or West Portal**, straight day. **John Hill**, plant phone 7-8923, home phone **Knoxville** 584-2274.

## Roane County Men Set Bowling Meet

Male employees living in **Roane County** who wish to bowl in a plant league either on Monday or Wednesday at 5:45 p.m. this coming fall will be interested in this. A meeting is called for men bowlers (any Y-12er living in **Roane County**) at the new 12-lane **Tri-Cities Lanes** at Midtown next Wednesday, July 31, at 7:30 p.m.

Persons still interested who cannot attend the meeting should contact **Hobey Thomas**, extension 6-1292, or **A. J. Kessing**, extension 8-9395. **Thomas's** home phone number is **Kingston** 376-9447 . . . **Kessing's** is 376-6442.



A HEN PARTY FROM **PRODUCT PROCESSING** gals recently honored **Pauline Webb**, center, wearing corsage, who takes early retirement at the end of this month. A group of co-workers honored Mrs. Webb at the Holiday Inn in a testimonial to the 20-year Y-12 veteran. Seated from left are **Dennie Roberts**, **Martha Beals**, **Mattie May**, the honoree, **Pauline Webb**; **Jeannette McCown**, **Margaret Baker** and **Corrine Johnson**. Standing are **Dell Goans**, **Lennie Jeffries**, **Ethel White**, **Jan McClothlin**, **Myrtle Leach**, **Vera Dinkins**, **Allie Baer**, **Eleanor Duke**, **Corrine McDaniels**, **Mary Jenkins**, **Florence Archer**, and **Sue Houston**.